



Widening of US 60 / Grand Avenue from Loop 303 to 99th Avenue

ADOT Project No. 060 MA 139 H6866 01D

Presentation to
Sun City Homeowners Association
April 22, 2008





Grand Ave. Widening, Loop 303 to 99th Ave.

- Project Scope

- Widen from current 4-lane to continuous 6-lane arterial street
 - Widening to occur primarily into existing median to minimize need for additional right of way
 - Operational improvements at signalized intersections

- Project Funding Source

- Regional Transportation Plan for Maricopa County, Phase I



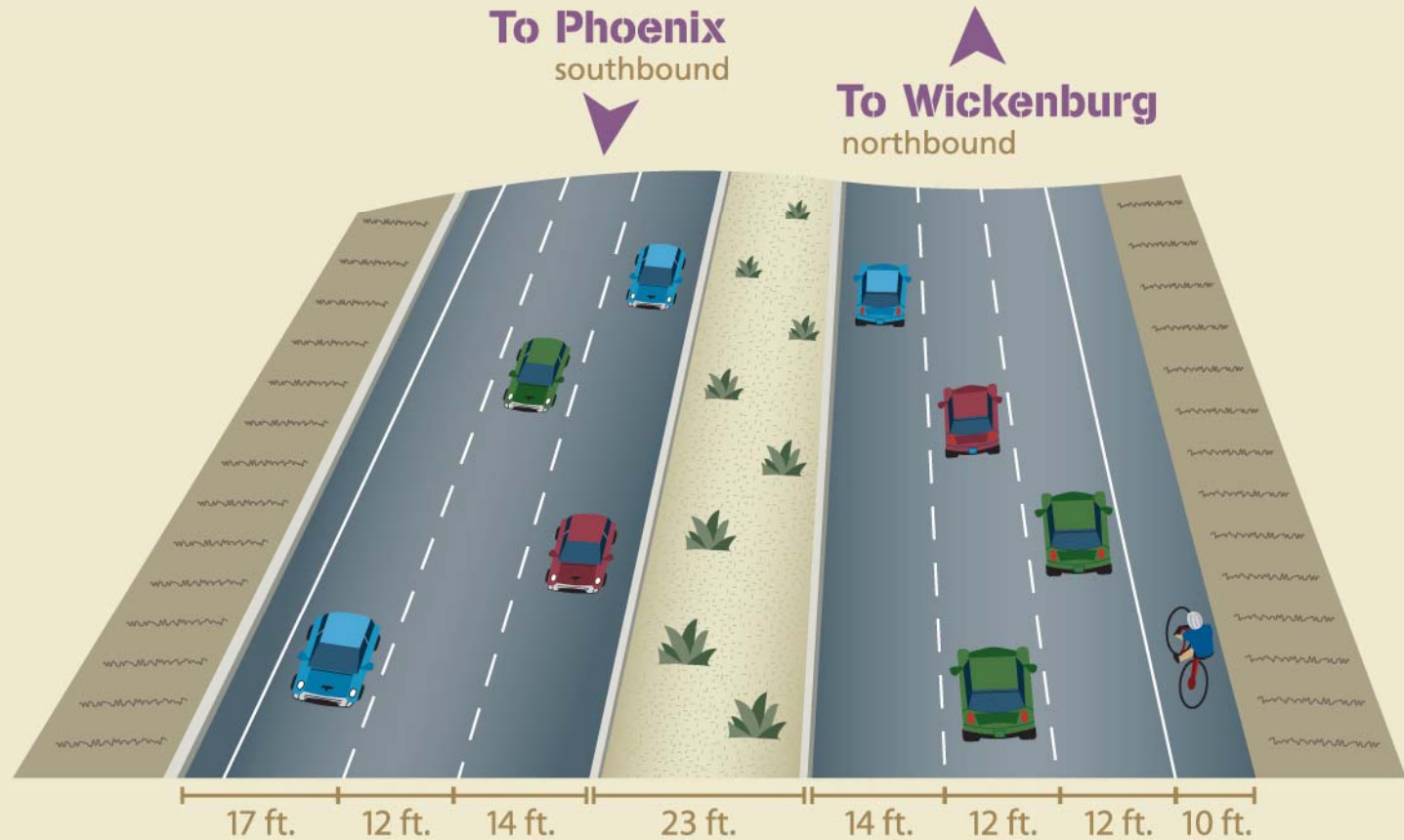
Grand Ave. Improvements Funded in RTP Phase I



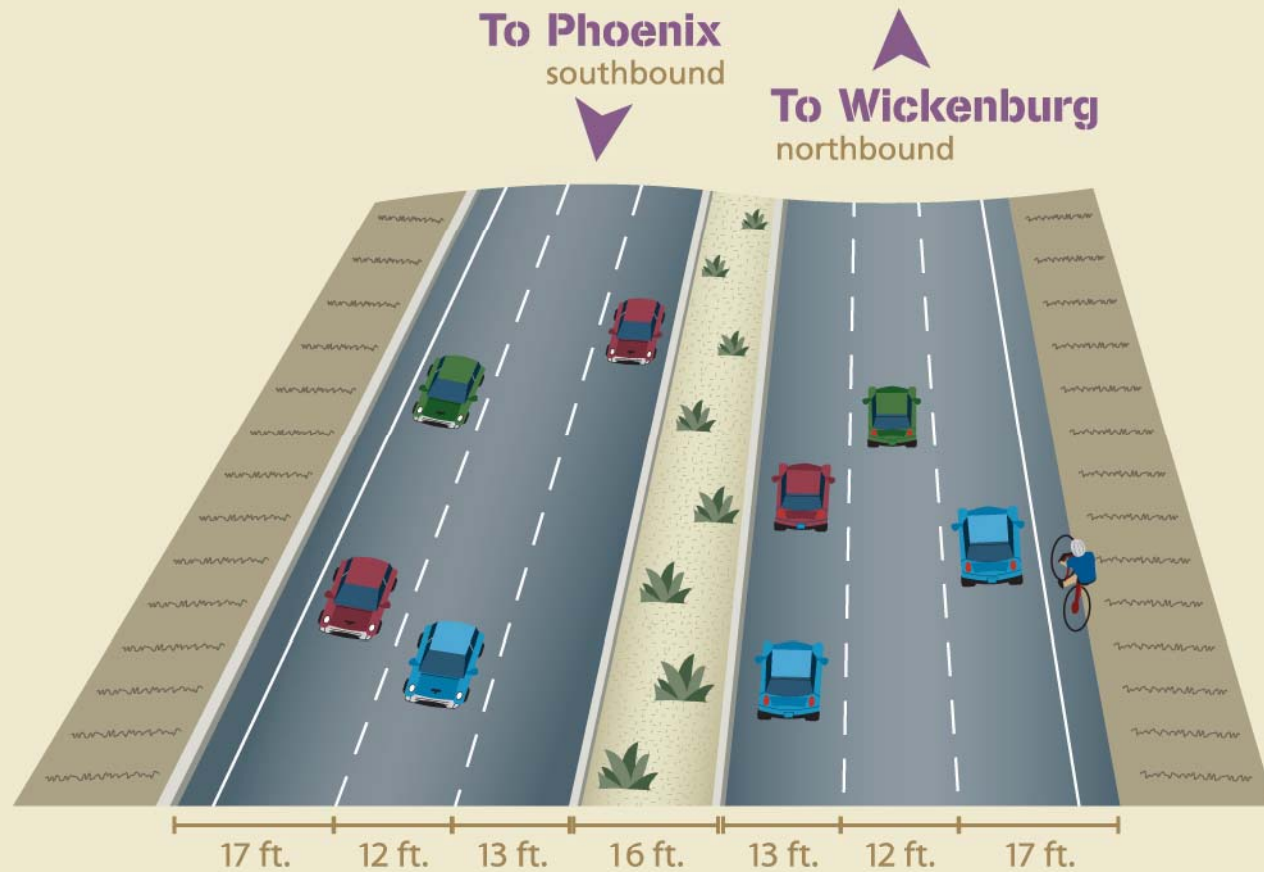


ADOT Project Partners





Grand Avenue Improvements North of Agua Fria River



Grand Avenue Improvements South of Agua Fria River



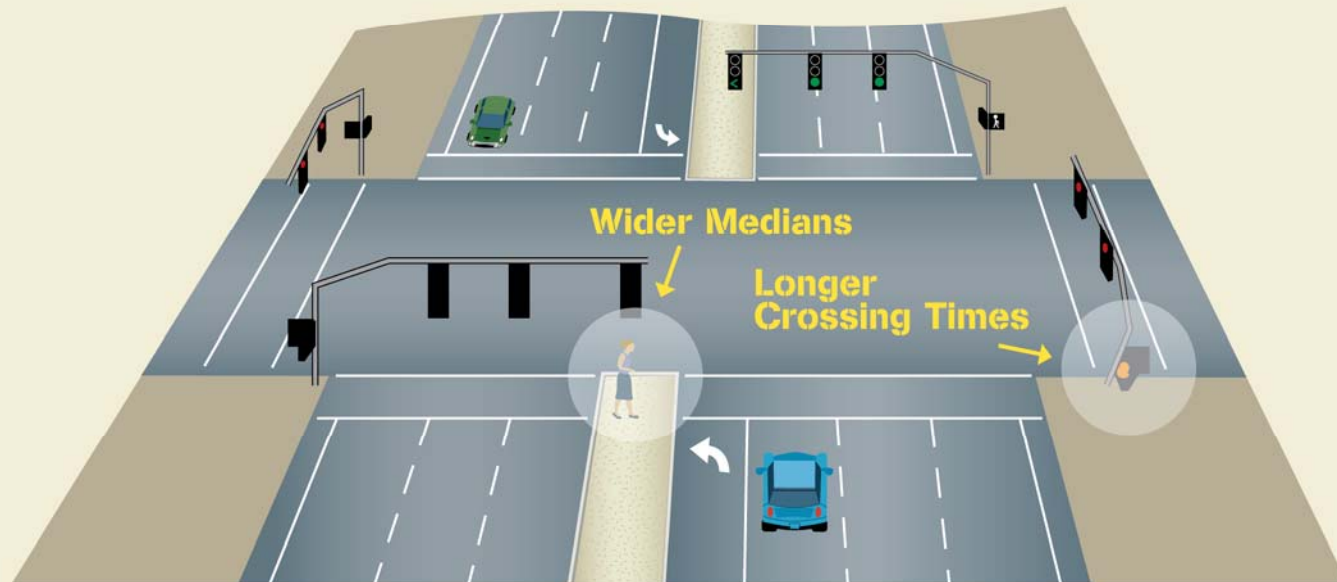
Grand Ave. Widening Project Features

- Additional turn lanes
- Signal synchronization
- Provision for "Shared Road Concept"
 - Right lane wide enough to accommodate bicycles
 - Striping for bicycle lanes up to local jurisdictions



Grand Ave. Widening Project Features

- Safe pedestrian waiting areas in median
 - Minimum width of six feet at crosswalks in Sun City
 - ADA-compliant push buttons in median crosswalks to prompt signal changes
 - Additional crossing time for pedestrians
- Rubberized asphalt pavement for entire project
 - Additional noise mitigation in qualifying areas



Grand Avenue Intersection Improvements



Existing Community Privacy Walls



Private
drives at
111th (l.)
&
103rd (r.)
avenues

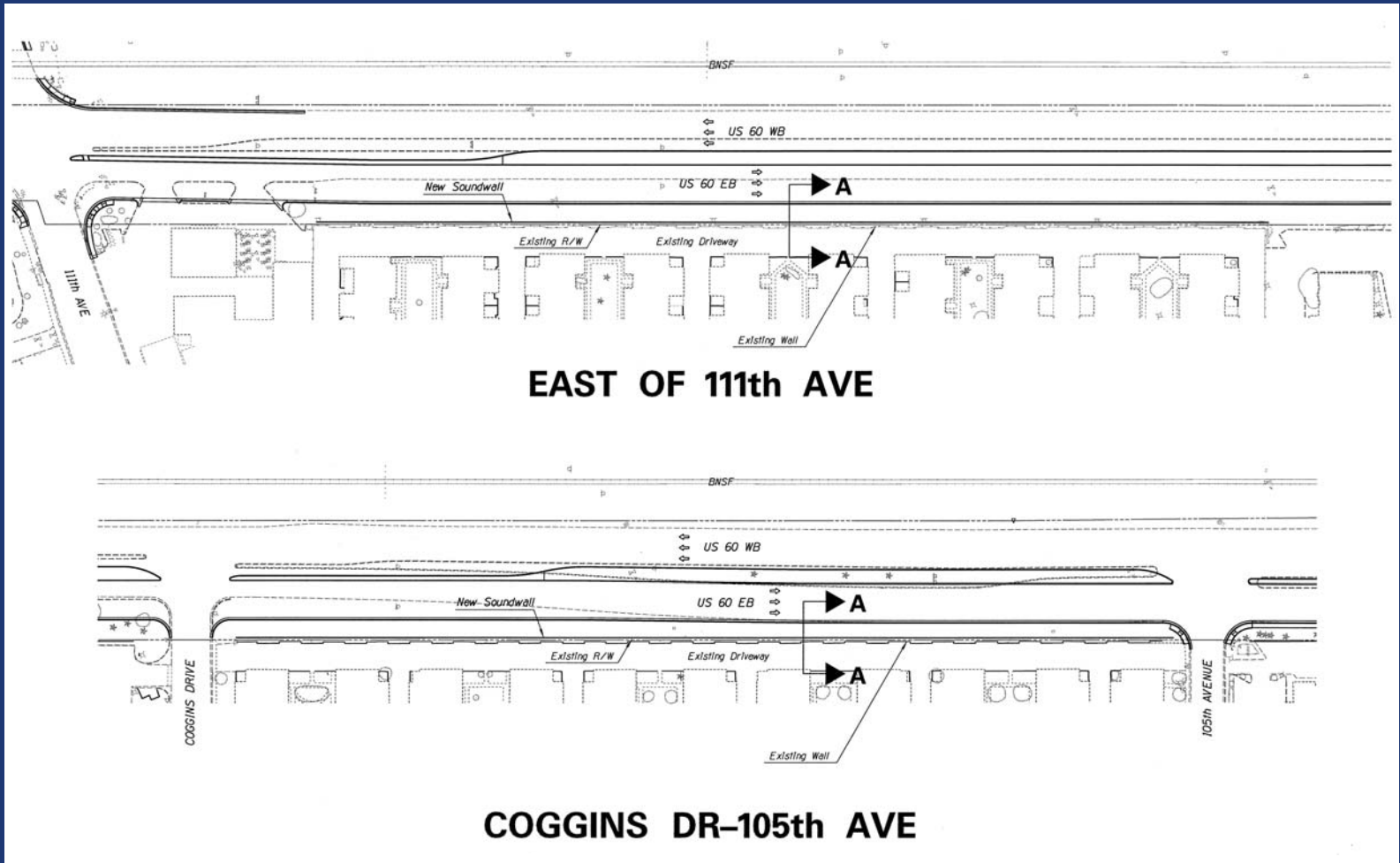


Community
perimeter wall
at 103rd Ave.





Potential Sound Wall Locations





ADOT Noise Mitigation Program

- The following Web address will take you to the ADOT Environmental Planning Group's "Video Vault" Web page, where you can view ADOT's video on Noise Abatement:

www.azdot.gov/highways/EEG/VideosIndex.asp

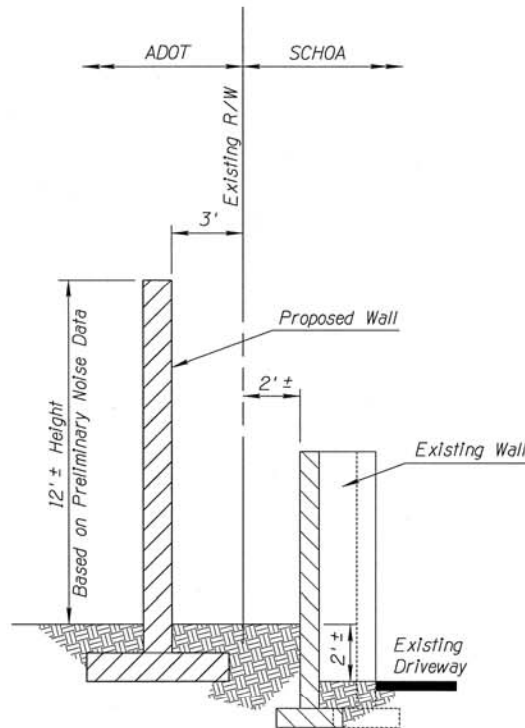


Sun City Homeowners Association Options

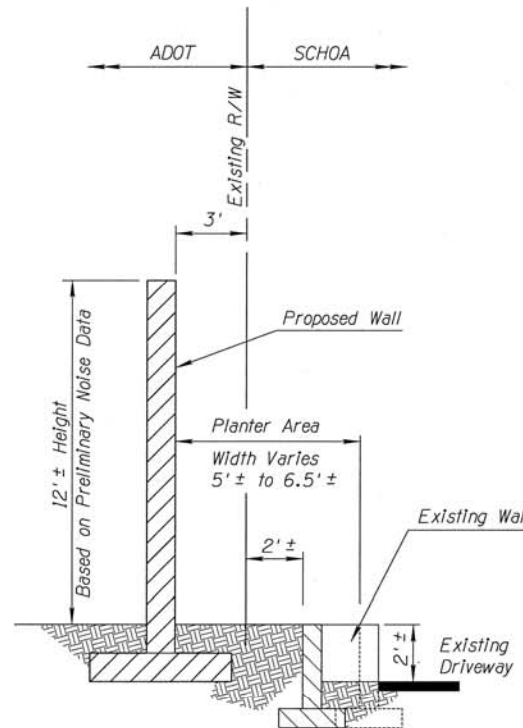
- ADOT can design and construct sound walls adjacent to existing community walls
 - Would create dead space – potential security and maintenance issues
- SCHOA can decide to allow ADOT to replace section of community wall with new sound wall
 - ADOT to maintain outside of wall – SCHOA to maintain paint on inside of wall
- Sun City residents can choose to refuse sound mitigation



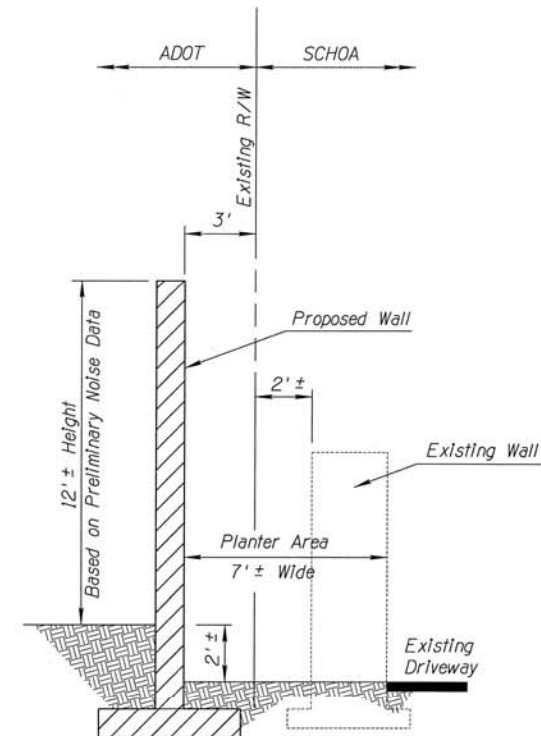
Potential Sound Wall Design Options



New wall constructed on ADOT R/W
Existing wall to remain



New wall constructed on ADOT R/W
Existing wall removed to a height of 2' ± to
create a planter area



Existing wall to be removed
New wall constructed on ADOT R/W
Area between new wall & driveway
available as planter



ADOT Representative Sound Wall Design





Next Steps

- SCHOA to indicate preference to ADOT by May 15, 2008*
- If SCHOA decides to allow ADOT to replace sections of community wall:
 - ADOT to prepare design concepts to share with SCHOA
 - Potential for community input on design
 - SCHOA to execute temporary construction easement and permanent maintenance agreement with ADOT

*It was determined at the 4/22/08 SCHOA meeting that ADOT will need to hold additional meetings with condo associations and individual property owners to discuss sound wall options.



For More Information...

- Visit ADOT Web site:

www.azdot.gov/ValleyFreeways

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Northwest Valley

Community Outreach Team

Project Hotline: 480.890.3055

